

Record 10

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INK JET RECORDING MEDIUM

MITSUBISHI PAPER MILLS LTD

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Abstract: PURPOSE: To obtain a recording medium capable of giving aqueous ink pictures excellent in water resistance and light resistance, having improved ink jet adaptability, by adding a hindered amine compound to the recording medium of an ink jet recording type, in which recording pictures are formed by using an aqueous ink.

CONSTITUTION: In forming a recording medium containing a hindered amine compound containing one or more hindered amines in the molecule, as represented by the formula (I) where R_5 is H or a C_1 WC₆alkyl, benzyl, allyl, or acetyl group, preferably H or methyl group, and R_1 , R_2 , R_3 , and R_4 are each a lower alkyl or carbonyl group, preferably methyl and/or ethyl group), a coating liquid of solution or dispersion of the compound is coated on a base material by dipping or coating. By using an aqueous ink containing water-soluble dye in the recording medium with the hindered amine compound, pictures having improved light resistance can be recorded.

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